

Recombinant Mouse Pcdh18 Protein, His-tagged

Cat. No. Pcdh18-1905M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pcdh18 Protein (Phe378-Asp607) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Phe378-Asp607
Description	Acts upstream of or within brain development. Predicted to be located in plasma membrane. Predicted to be integral component of membrane. Predicted to be integral component of plasma membrane. Is expressed in several structures, including adipose tissue; brain; genitourinary system; gut; and hemolymphoid system gland. Orthologous to human PCDH18 (protocadherin 18).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.1 kDa Accurate Molecular Mass: 29 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

[Pcdh18 protocadherin 18 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Pcdh18](#)

Synonyms

PCDH18; protocadherin 18; PCDH68L; BB095589; 3110038E07Rik;

Gene ID

[73173](#)

mRNA Refseq

[NM_130448](#)

Protein Refseq

[NP_569715](#)

UniProt ID

[Q8VHR0](#)

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